



# **Reference Guide**

## HP Notebook Expansion Base

Document Part Number: 358831-001

July 2004

This document provides instructions on how to use the HP Notebook Expansion Base with select models of HP and Compaq notebooks.

© Copyright 2004 Hewlett-Packard Development Company, L.P.

Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation.

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

## Reference Guide

HP Notebook Expansion Base

First Edition July 2004

Reference Number: xb2000

Document Part Number: 358831-001

---

# Contents

## 1 Getting Started

Identifying Components.....	1-2
Front.....	1-2
Rear.....	1-3
Right Side.....	1-5
Left Side.....	1-6
Setting Up the Expansion Base.....	1-7
Step 1: Adjusting the Expansion Base.....	1-7
Step 2: Connecting to AC Power.....	1-8
Step 3: Connecting the Notebook.....	1-10

## 2 Using the Expansion Base

Expansion Base Guidelines.....	2-1
Optional Wireless Accessories.....	2-2
Identifying the Wireless Receiver Buttons and Lights.....	2-3
Connecting the Wireless Keyboard and Mouse....	2-4
Identifying the Wireless Keyboard Quick Launch Buttons.....	2-10
Changing the Wireless Mouse Settings.....	2-11
Connecting to a Modem.....	2-11
Connecting to a Network.....	2-12

Connecting Video. . . . .	2-13
Composite Video Connection . . . . .	2-13
S-Video Connection . . . . .	2-14
Connecting Audio . . . . .	2-15
Installing an Optional Hard Drive . . . . .	2-16
Connecting an Optional Security Cable. . . . .	2-23

## **3 Removing the Notebook**

## **A Troubleshooting**

Getting More Information . . . . .	A-1
Using the World Wide Web. . . . .	A-1
Preparing to Call Technical Support . . . . .	A-2
Solving Common Problems. . . . .	A-3

## **Index**

---

# Getting Started

This chapter identifies the visible hardware features of the Expansion Base and provides the steps for setting up the Expansion Base.

For more information on the hardware features identified in this chapter, refer to [Chapter 2, “Using the Expansion Base.”](#)



---

The Expansion Base may have features that are not supported by your notebook. For information on supporting signals that are transmitted through your notebook expansion port, refer to your notebook documentation.

---

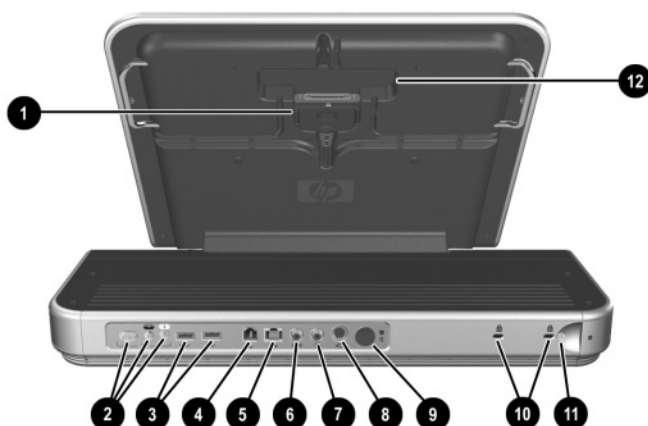
# Identifying Components

## Front





Component	Description
❶ Connection indicator light	Illuminates solid blue when the notebook is connected correctly.
❷ Mute button	Mutes the sound from the notebook.
❸ Volume scroll wheel	Controls the volume of sound from the notebook.
❹ Infrared lens	Detects the notebook remote control infrared signal (not compatible with Microsoft® Windows® Media Center Edition notebooks).
❺ Stereo speakers (2)	Produce stereo sound.

## Rear



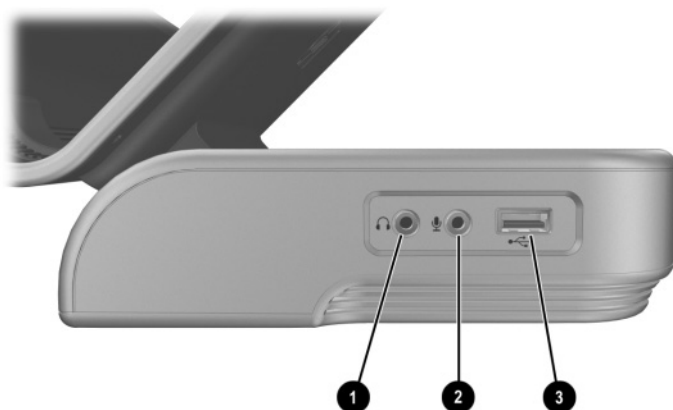
Component	Description
❶ Expansion cable	Connects the Expansion Base to a notebook.
❷ Power connectors (3)	Connect the Expansion Base to notebook AC adapter.
❸ USB ports (2)	Connect USB devices; USB 2.0 compatible.
❹ RJ-11 (telephone) jack	Connects the Expansion Base to an RJ-11 wall jack. (See also ❷).
❺ RJ-45 (network) jack	Connects an Ethernet cable from the Expansion Base to an RJ-45 wall jack.
❻ S/PDIF (Sony/Philips Digital Interface) digital audio jack	Connects to a compatible audio/video receiver through a digital coaxial cable.
❼ Composite video jack	Connects the Expansion Base to a television.
❽ S-Video jack	Connects the Expansion Base to a television.
❾ Hard drive power connector	Connects the power cord for the optional internal hard drive.

(continued)

Component	Description
⑩ Kensington security slots (2)	<p>Connect optional security cables.</p> <p> The purpose of security solutions is to act as a deterrent. These solutions do not prevent the product from being mishandled or stolen.</p>
⑪ Hard drive carrier screw	Secures the hard drive carrier.
⑫ RJ-11 (telephone) jack	Connects a modem cable from the Expansion Base to a notebook. (See also ④).
<p> For more information on these components, refer to <a href="#">Chapter 2, “Using the Expansion Base.”</a></p>	



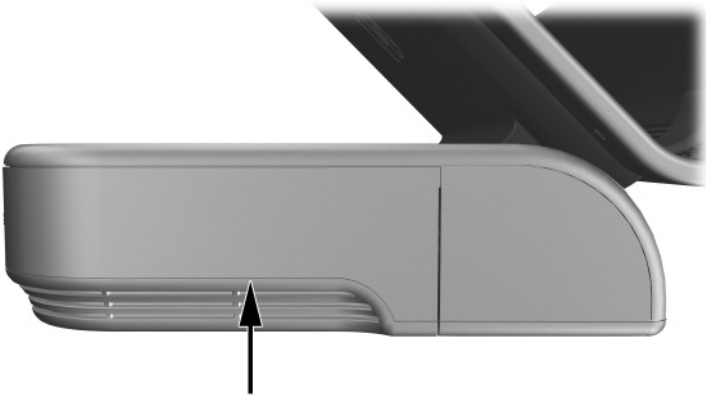
## Right Side




*Right side (viewed from the front of the Expansion Base)*

Component	Description
❶ Audio-out (headphone) jack	Connects a headphone.
❷ Audio-in (microphone) jack	Connects a microphone.
❸ USB port	Connects USB devices; USB 2.0 compatible.

# Left Side



*Left side (viewed from the front of the Expansion Base)*

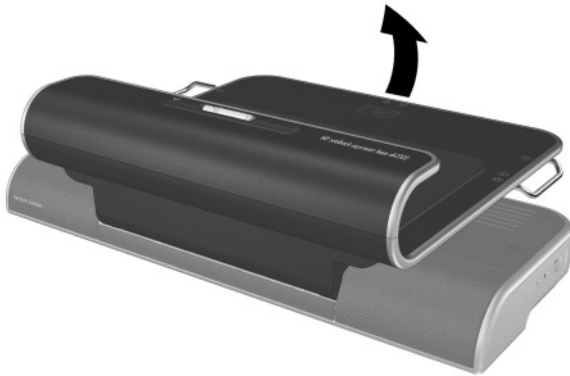
Component	Description
Hard drive carrier	Holds an optional internal hard drive.
 For information on installing an optional internal hard drive, refer to <a href="#">“Installing an Optional Hard Drive”</a> in Chapter 2.	

# Setting Up the Expansion Base

## Step 1: Adjusting the Expansion Base

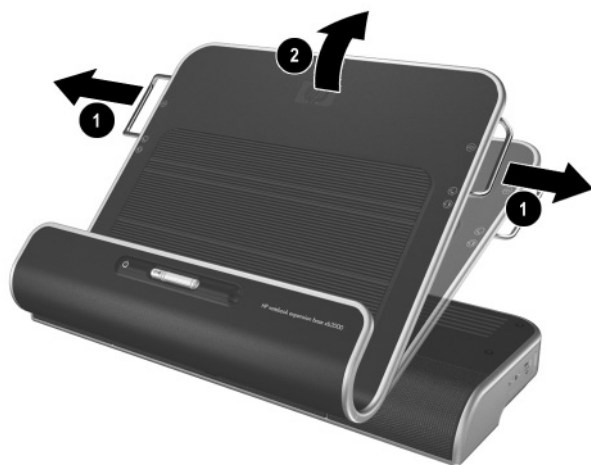
The Expansion Base must be upright before a notebook is attached.

- » To adjust the Expansion Base to an upright position, lift the upper panel to the appropriate height.



To lower the Expansion Base:

1. Pull out the handles on each side of the Expansion Base ❶.
2. Grasp the handles and lower the upper panel of the Expansion Base ❷.



## Step 2: Connecting to AC Power



**WARNING:** To reduce the risk of electric shock or damage to your equipment:

- Plug the power cord into an electrical outlet that is easily accessible at all times.
- Disconnect power from the product by unplugging the power cord from the electrical outlet.
- If provided with a three-pin attachment plug on your power cord, plug the cord into a grounded (earthed) three-pin outlet. Do not disable the power cord grounding pin. The grounding pin is an important safety feature.

For optimal performance, connect the Expansion Base to an AC power source using the notebook AC adapter and power cord.

1. Connect the notebook AC adapter to the matching connector on the Expansion Base ❶. Depending on your power requirements, 3 power connectors are available on the rear of the Expansion Base.

Connector Type	Color	Label	Power
Multi-pin	No color	Not labeled	Multiple (90 W minimum)
Single-pin	Blue/Black*	1	120 W, 135 W
Single-pin	Yellow*	2	65 W

Some 90 W AC adapter connectors have yellow tips. If your AC adapter cannot connect to the yellow connector on the Expansion Base, use the blue/black connector.

2. Connect the AC power cord to the AC adapter ❷, and then to the wall outlet ❸.



Power cords and power outlets vary by region and country

## **Step 3: Connecting the Notebook**

1. Open the notebook.



2. Slide the notebook into the Expansion Base with the keyboard facing you.



The notebook is held in place by a buffer pad, which prevents the notebook from shifting out of its proper position in the Expansion Base.

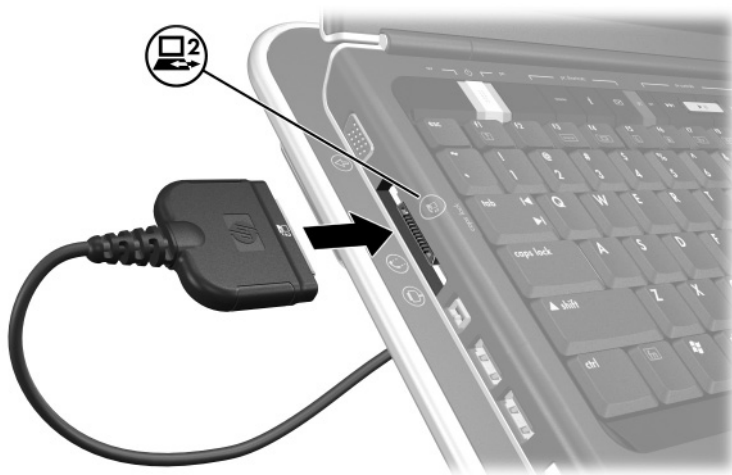
3. Gently pull the expansion cable from its docked location and slide it to either side of the Expansion Base, depending on where the expansion port on your notebook is located. The location of the expansion port on your notebook may vary by notebook series and model.



It is important to position the cable correctly, so that the cable can move freely. A cable skirt and guide assist in positioning the cable.



4. Connect the expansion cable to the notebook, matching the icon on the notebook expansion port with the icon on the end of the expansion cable.
5. For optional communication, do one of the following:
  - ❑ If you are using a modem with your notebook to communicate using an analog telephone line, refer to [“Connecting to a Modem”](#) in Chapter 2.
  - ❑ If you are connecting directly to a network, refer to [“Connecting to a Network”](#) in Chapter 2.





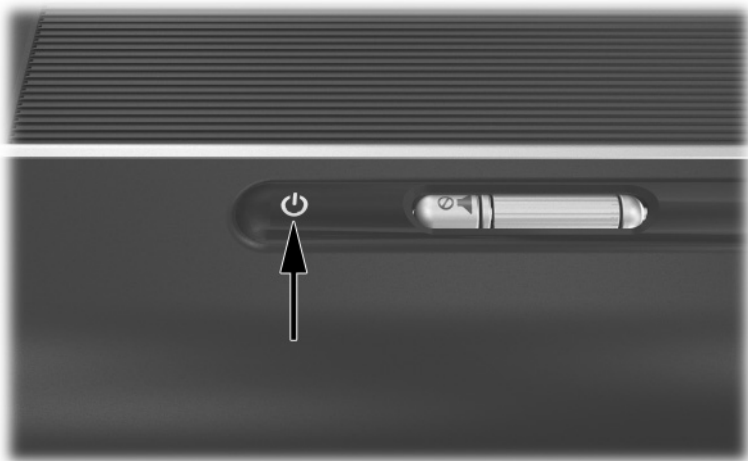
6. If the notebook is not already turned on, press the power button on the notebook to turn it on.



The power button location on the notebook may vary by notebook series and model.



If the notebook connection was made properly, the connection indicator light will light up solid blue.



After the notebook is connected to the Expansion Base, the internal notebook speakers are disabled and the Expansion Base speakers are activated.

---

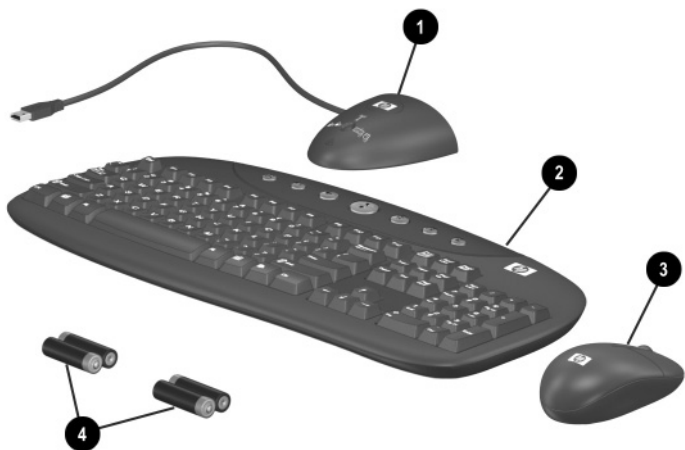
---


# Using the Expansion Base

## Expansion Base Guidelines

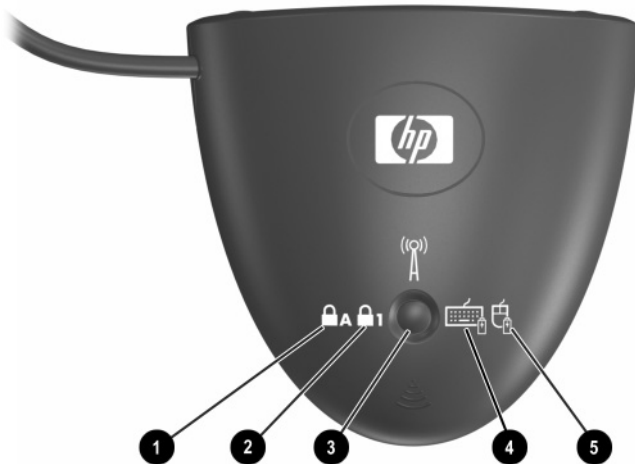
- **Operating systems**—For optimal performance, use the Expansion Base with HP or Compaq notebooks running Microsoft® Windows® XP or later.
- **Power**—For optimal performance, use the Expansion Base while connected to electrical power. This allows the notebook battery to remain charged while the notebook is connected to the Expansion Base.
- **Connecting and Removing**
  - ❑ With Windows XP or later, the notebook can be powered on or off when connecting it to and removing it from the Expansion Base. The blue connection indicator light on the Expansion Base shows a successful connection and will not be turned on until the notebook is powered on.
  - ❑ With Windows versions prior to XP:
    - ◆ Turn off the notebook before connecting it to and removing it from the Expansion Base.
    - ◆ When restoring power to the system, first connect the notebook to the Expansion Base, and then turn the notebook on.
- **External devices**—When the notebook is connected to the Expansion Base, you may attach external devices to the connectors on the rear panel of the Expansion Base or to the connectors on the notebook.

# Optional Wireless Accessories



Component	Description
❶ Receiver	Allows connection between the Expansion Base and the wireless keyboard or mouse.
❷ Wireless keyboard	Connects to the Expansion Base without a cable.
❸ Wireless mouse	Connects to the Expansion Base without a cable.
❹ Batteries	To be inserted into the wireless keyboard and mouse.
 The wireless accessories may be included with the Expansion Base.	

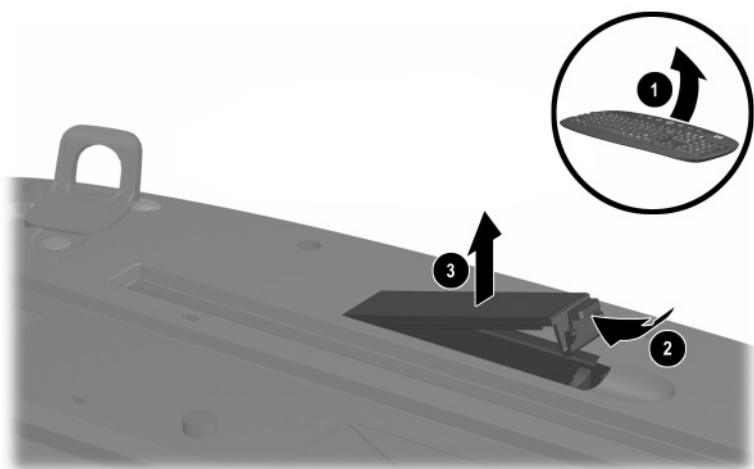
## Identifying the Wireless Receiver Buttons and Lights



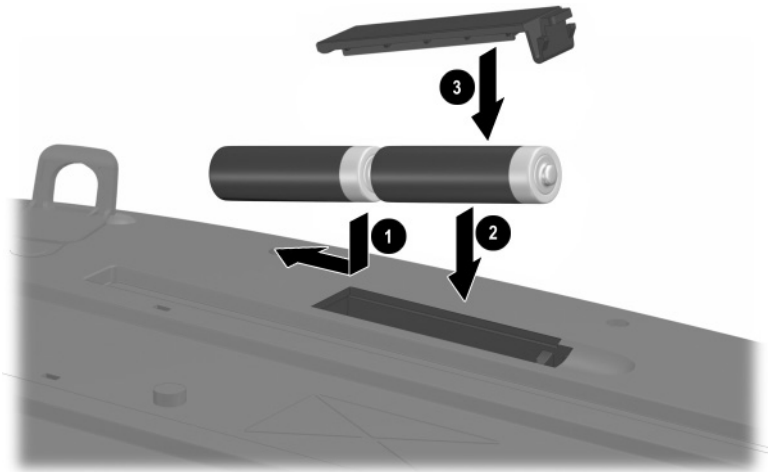
Component	Description
❶ Caps lock light	On: Keyboard caps lock has been enabled.
❷ Num lock light	On: Keyboard num lock has been enabled.
❸ Connect button	Connects wireless devices.
❹ Keyboard battery light	On: Keyboard battery has low or no power.
❺ Mouse battery light	On: Mouse battery has low or no power.

## **Connecting the Wireless Keyboard and Mouse**

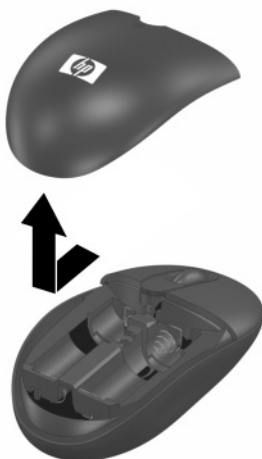
1. Turn the wireless keyboard upside down to locate the battery cover ❶.
2. Release the battery cover latch ❷ and remove the battery cover ❸.



3. Insert a battery into the battery slot and push it into the back of the slot ❶.
4. Insert the second battery ❷.
5. Replace the battery cover on the keyboard ❸.

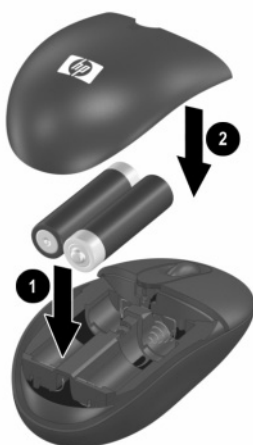


6. Remove the battery cover from the mouse.



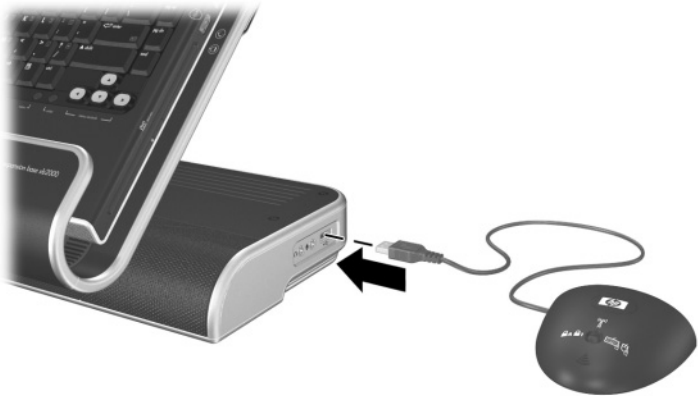
7. Insert the batteries into the mouse ❶.

8. Replace the battery cover ❷.

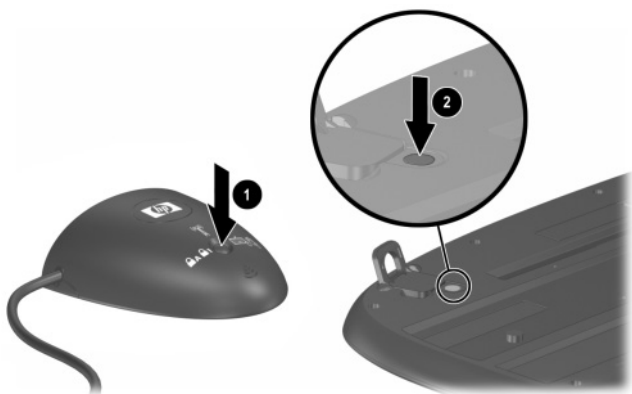




9. Connect the wireless receiver to a USB port on the Expansion Base.

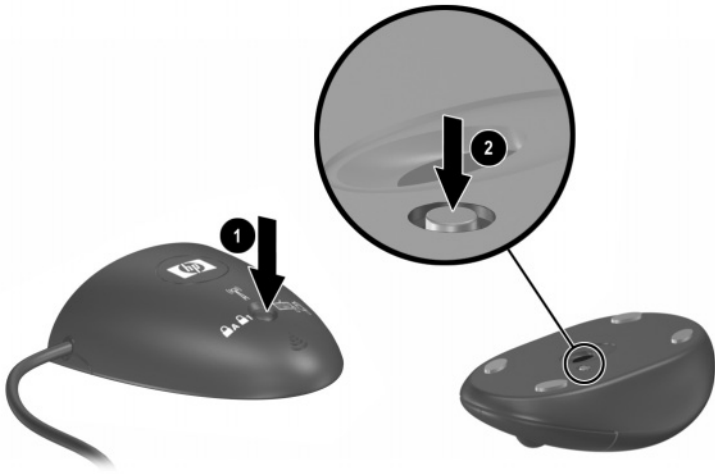


10. Press the connect button on the receiver ❶.
11. While the button on the receiver is flashing, press the connect button on the bottom of the keyboard ❷.



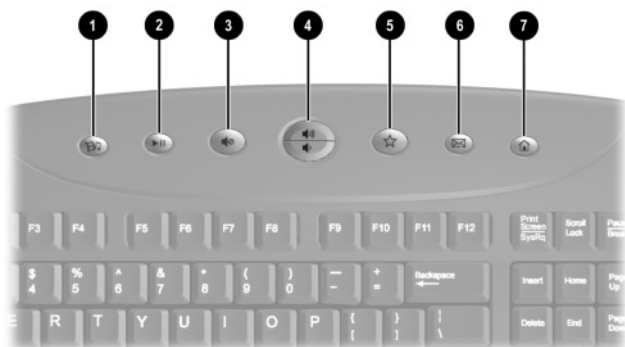
12. Turn the keyboard right-side up.
13. Wait 20 seconds.

14. If you are using the wireless mouse also, press the connect button on the receiver again ❶.
15. While the button on the receiver is flashing, press the connect button on the bottom of the mouse ❷.



Your wireless keyboard and mouse will now operate while a notebook is connected to the Expansion Base.

## Identifying the Wireless Keyboard Quick Launch Buttons



Component	Description
❶ Media	Launches your default media player. To select a default media player: <ol style="list-style-type: none"><li>1. Select <b>Start &gt; Control Panel &gt; Add or Remove Programs &gt; Set Program Access and Defaults &gt; Custom</b>.</li><li>2. Select the media player under Choose a default media player.</li></ol>
❷ Play/Pause	Plays and pauses your default media player while in use.
❸ Mute	Mutes the volume on the Expansion Base.
❹ Volume	Controls the volume of the Expansion Base.
❺ Favorites	Opens your Favorites folder.
❻ Email	Opens your email program.
❼ World Wide Web	Opens your Web browser.

## Changing the Wireless Mouse Settings

To set pointer speed and shape, click speed, mouse trails, and other preferences for your wireless mouse, select **Start > Control Panel > Printers and Other Hardware > Mouse**.

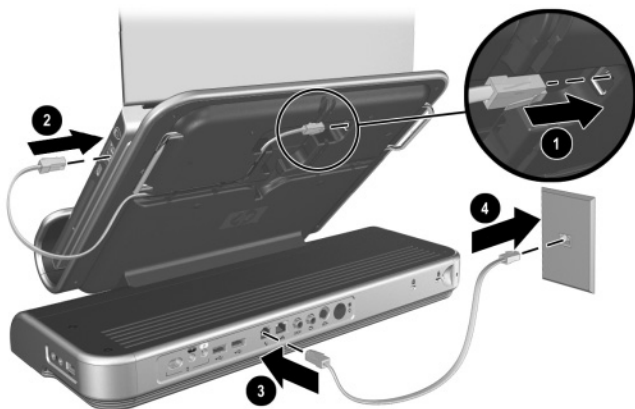
## Connecting to a Modem

You can connect your notebook through the Expansion Base to your analog telephone line for dial-up communication. This requires the 2 RJ-11 modem cables that came with your Expansion Base.

1. Connect one end of the short modem cable into the RJ-11 (telephone) connector on the upper rear panel of the Expansion Base ❶. Connect the other end of the cable into the RJ-11 connector on the notebook ❷.
2. Connect one end of the long modem cable into the RJ-11 (telephone) connector on the lower rear panel of the Expansion Base ❸. Connect the other end of the cable into the RJ-11 wall jack ❹.




A country-specific modem adapter also may be required, in addition to the modem cable connected to the RJ-11 wall jack.




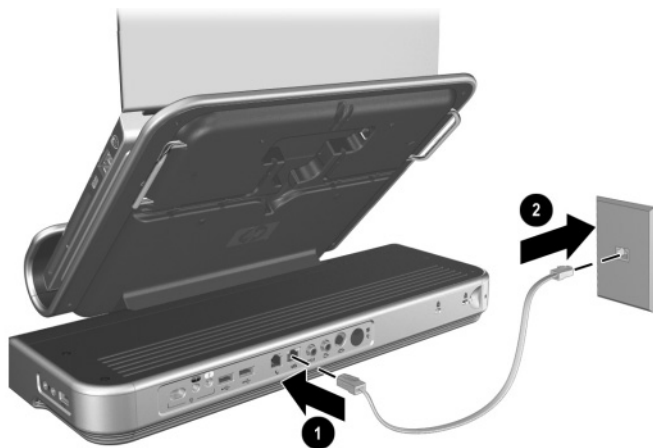
## Connecting to a Network

You can connect your notebook through the Expansion Base to a network. This requires an RJ-45 Ethernet cable (purchased separately).

1. If you haven't already done so, connect the Expansion Base to your notebook following the instructions in [Chapter 1, "Getting Started."](#)
2. Connect one end of the Ethernet cable to the RJ-45 (network) jack on the Expansion Base ❶ and the other end to the RJ-45 wall jack ❷.

 Use the RJ-45 jack on the Expansion Base instead of the one on the notebook. The RJ-45 jack on some notebooks may be disabled when the notebook is installed in the Expansion Base.

 It is not necessary to connect a modem cable between the notebook and Expansion Base if you are connecting the Expansion Base directly to a network.



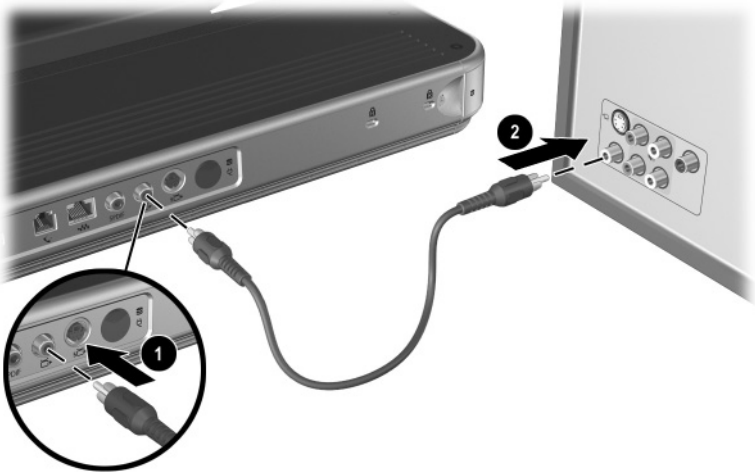
## Connecting Video

You can connect the Expansion Base to a television and use the television as an external display. The Expansion Base provides 2 video-out ports on the rear panel, a composite video jack and an S-Video jack. The S-Video connection provides better display quality, but may not be available on all televisions. Refer to your television documentation to determine if S-Video connection is supported.

### Composite Video Connection

To connect through composite video:

1. Connect a composite video cable (not included) into the yellow composite video jack on the back of the Expansion Base ❶.
2. Connect the other end of the cable into the composite video jack on your television ❷. The location of the jack on your television may vary by manufacturer and model.

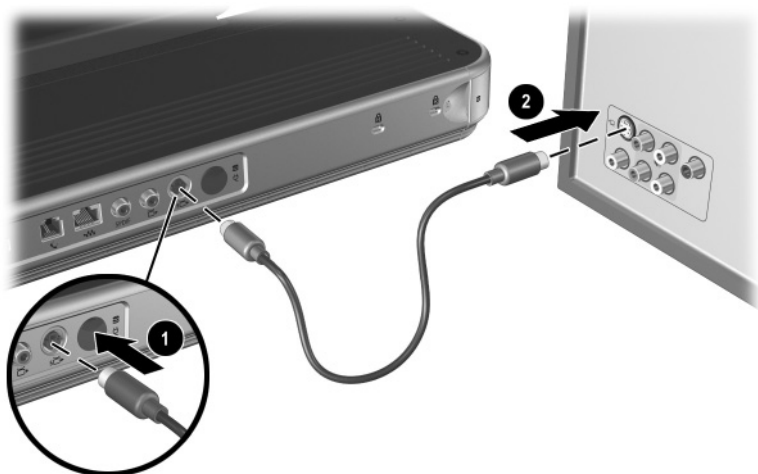


3. Verify that your television is displaying the correct video source. Refer to your television documentation for instructions.
4. Press **fn+f4** on the notebook to change your video output mode. Press **fn+f4** repeatedly to cycle through the available video modes.
5. Refer to the instructions provided with your notebook to configure the television as the primary display or to configure advanced video features.

## S-Video Connection

To connect through S-Video:

1. Connect an S-Video cable (not included) into the S-Video jack on the back of the Expansion Base ❶.
2. Connect the other end of the cable into the S-Video jack on your television ❷. Refer to your television documentation for the connector location.





3. Verify that your television is displaying the correct video source. Refer to your television documentation for instructions.
4. Press **fn+f4** on the notebook to change your video output mode. Press **fn+f4** repeatedly to cycle through the available video modes.
5. Refer to the instructions provided with your notebook to configure the television as the primary display or to configure advanced video features.

## Connecting Audio

The Expansion Base provides an S/PDIF digital audio jack for an optional digital audio connection. A coaxial digital audio cable (not provided) and an audio receiver (television or stereo) with a coaxial digital audio port is required to fully enable this feature.

To connect digital audio:

1. Connect a coaxial digital audio cable into the orange S/PDIF digital audio jack on the back of the Expansion Base ❶.
2. Connect the other end of the cable into the digital audio jack on your television or stereo equipment ❷. Refer to your television or stereo equipment documentation for the connector name and location.



3. Enable the digital audio driver:
  - a. Double-click the speaker icon in your system tray. (The Volume Control box opens).
  - b. Select **Options > Advanced Controls**.
  - c. Select **Advanced**.
  - d. Under Other Controls, select the check box for your digital audio system.
  - e. Select **Close**.
  - f. Close the Volume Control box.

To experience digital audio with DVD playback:

1. Open InterVideo DVD by inserting a DVD or selecting **Start > All Programs > InterVideo DVD > InterVideo DVD**.
2. Right-click anywhere in the InterVideo DVD window to open the control menu.
3. Select **Setup > Audio > Digital (S/PDIF) out to External Processor**.
4. Select **Apply > OK**.



You must reenable analog audio anytime you wish to play a DVD without an S/PDIF connection.

---

## Installing an Optional Hard Drive

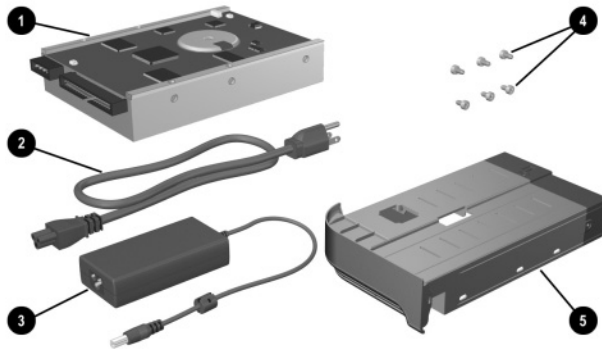
You can install an optional hard drive into the Expansion Base for extra storage capacity.




The Expansion Base supports IDE hard drives with an ATA- or ATAPI-compliant interface only. Refer to the hard drive manufacturer's documentation.

---

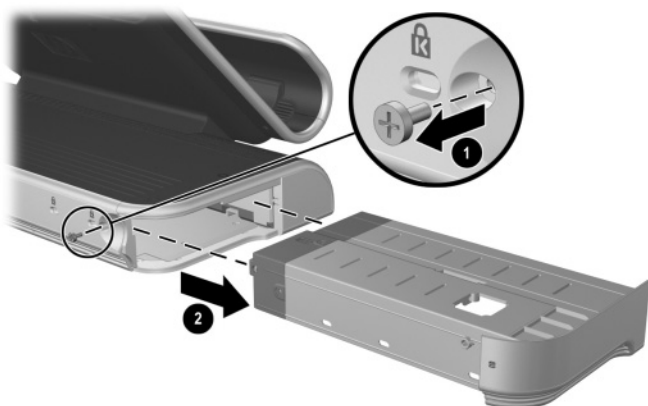
Identify the following components that may be required when you install an optional internal hard drive.



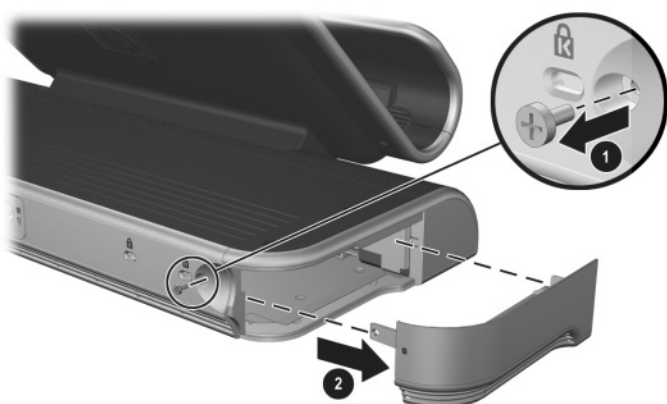
Component	Description
① Hard drive	Provides optional internal storage.
② Hard drive power cord	Connects to an AC wall outlet.
③ Hard drive power adapter	Connects to the hard drive power connector.
④ Screws (6)	Secure the optional internal hard drive to the hard drive carrier. (Two extra screws are provided).
⑤ Hard drive carrier	Holds the optional internal hard drive. (In some configurations, the hard drive carrier will be preinstalled).
 Depending on your configuration, some of the components listed above may not be provided or required.	

1. Depending on your configuration, remove either the hard drive carrier or the hard drive cover.

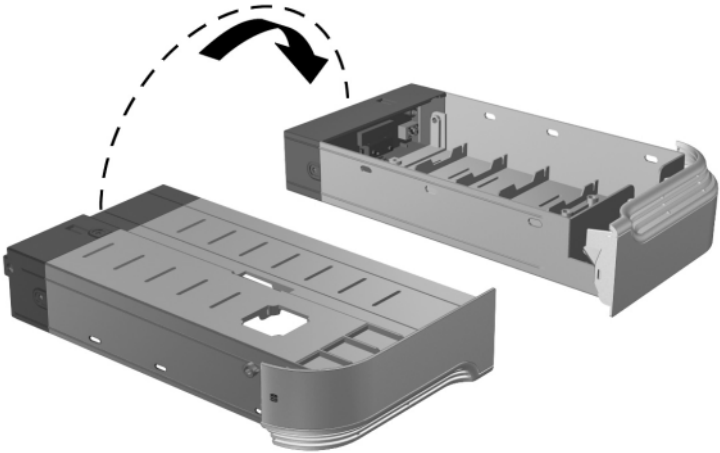
- ❑ To remove the hard drive carrier, remove the screw located on the rear of the Expansion Base ❶, and then remove the hard drive carrier ❷.




- ❑ To remove the hard drive cover, remove the screw located on the rear of the Expansion Base ❶, and then remove the hard drive cover ❷.



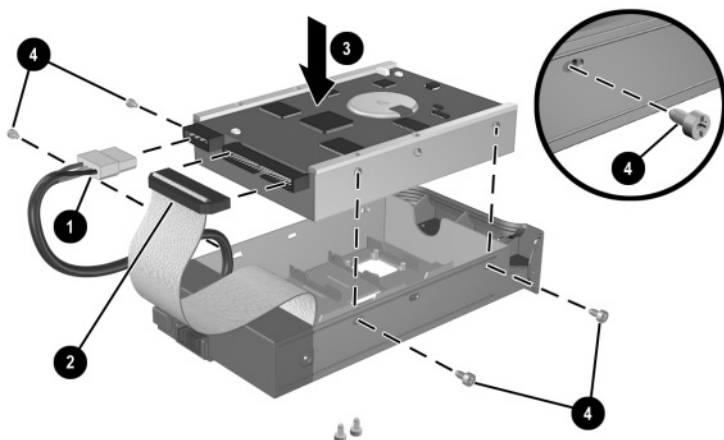
2. Turn the hard drive carrier over.



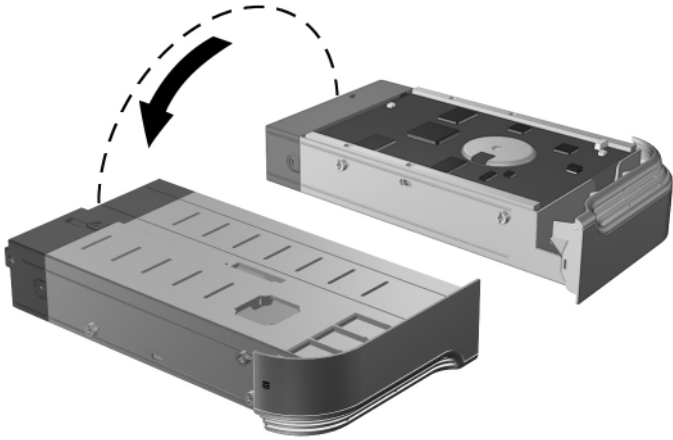
3. Connect the hard drive power cable ❶ and the hard drive data cable ❷ to the hard drive.
4. Insert the hard drive into the hard drive carrier ❸ and secure the assembly with 2 screws on each side ❹.

 Two extra screws are provided.

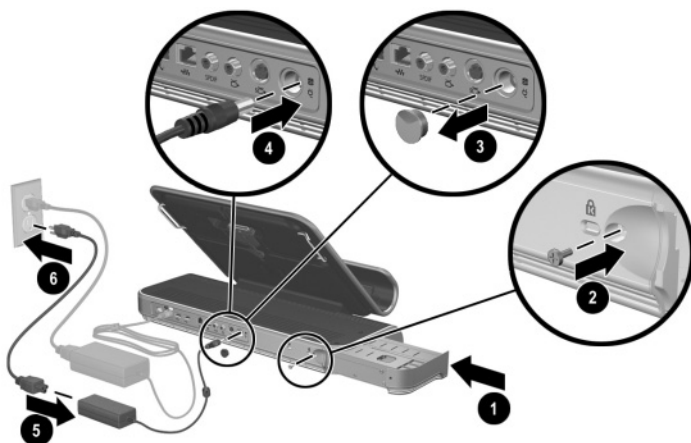
 Be sure the optional hard drive is set to Cable Select.



5. Turn hard drive carrier back over.



6. Replace the hard drive carrier **1** and hard drive carrier screw **2**.
7. Remove the hard drive power connector cover **3**.
8. Connect the hard drive power adapter to the Expansion Base **4**.
9. Connect the power cord to the hard drive power adapter **5**, and then connect the power cord to the wall outlet **6**.



For more information on the hard drive, refer to the instructions that came with the hard drive.

---

To remove the optional internal hard drive, reverse the installation procedures.



## Connecting an Optional Security Cable

---



The purpose of security solutions is to act as a deterrent. These solutions do not prevent the product from being mishandled or stolen.

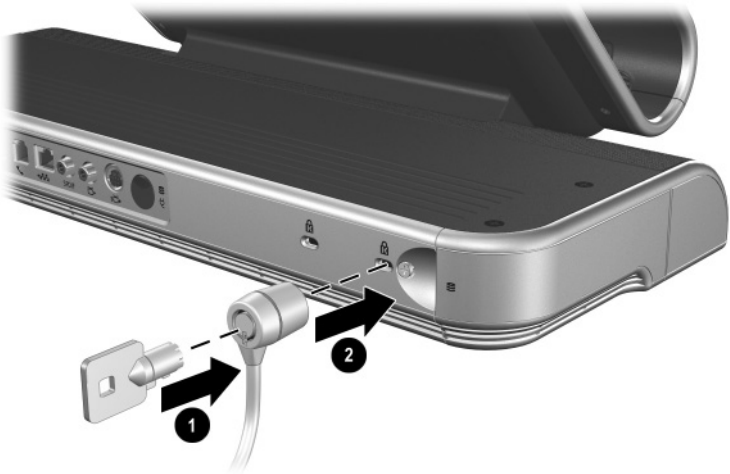
---



Two Kensington security slots are provided. Use either security slot to connect an optional security cable and secure your Expansion Base.

---

1. With the notebook positioned in the Expansion Base, loop the security cable (purchased separately) around a secure object.
2. Insert the key into the security cable lock ❶.
3. Insert the security cable lock into the Kensington security slot on the Expansion Base ❷.
4. Turn the key to secure the cable.



---

## Removing the Notebook

---



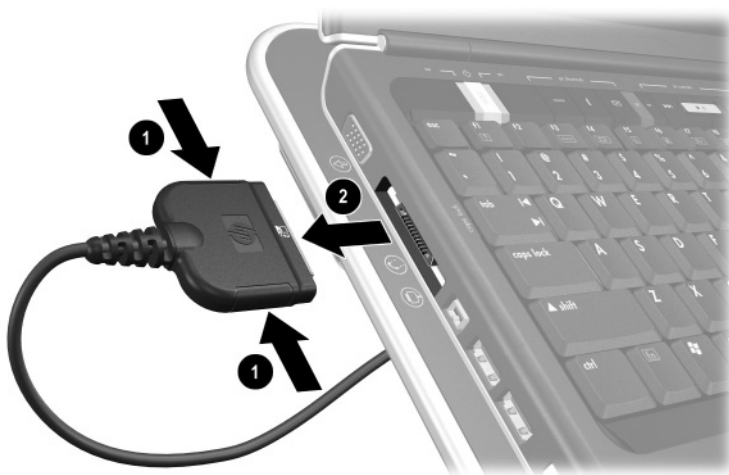
It is not necessary to turn the notebook off before removing it from the Expansion Base if your operating system is Windows XP or later.

---

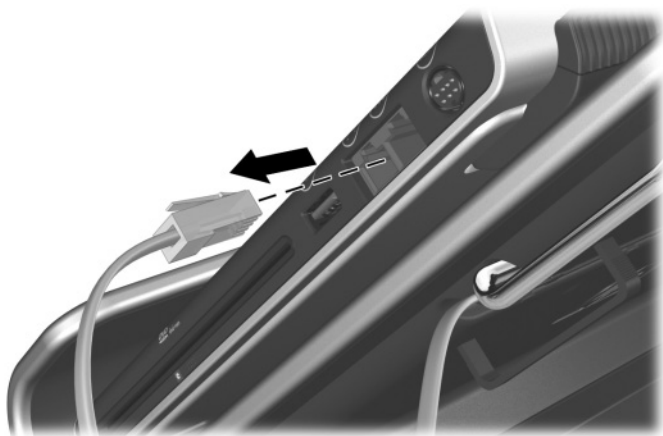
1. Press the buttons on the sides of the expansion cable connector **1** to disconnect the cable from the notebook **2**.



The location of the expansion port on the notebook may vary by notebook series and model.



2. Disconnect the modem cable from the RJ-11 (telephone) jack on the notebook, if connected. You may leave the other end of the cable connected to the Expansion Base for future use.



3. Slide the notebook up and out of the Expansion Base.



---

# Troubleshooting

## Getting More Information

- The *Documentation* CD included with the notebook contains comprehensive information about your notebook, as well as governmental agency and safety information about the use of your notebook.
- The CD included with the Expansion Base contains governmental agency and safety information about the use of the Expansion Base.
- The HP Web site (<http://www.hp.com>) provides product news and software updates.



**WARNING:** To reduce the risk of serious injury, read the *Safety & Comfort Guide*. It describes proper workstation setup, posture, and health and work habits for computer users, and provides important electrical and mechanical safety information. This guide is located on the Web site at <http://www.hp.com/ergo>.

---

## Using the World Wide Web

Support services are available on the Internet through Customer Care. You can either browse the postings as a guest, or register as a user and submit your own questions. HP makes every attempt to respond to questions in a timely manner.

To access Customer Care, visit the HP Web site at <http://www.hp.com/support>.

## **Preparing to Call Technical Support**

If you cannot solve a problem using the troubleshooting tips in this section, you may need to call Customer Care.

When you call technical support, have the following information available:

- The notebook and Expansion Base model types
- Serial numbers for the notebook and Expansion Base
- Purchase dates on invoices
- Conditions under which the problem occurred
- Error messages that have occurred
- Hardware configuration of the notebook
- Hardware and software you are using
- Type of printer connected, if applicable
- Configuration settings, including contents of the system files

# Solving Common Problems

The following table lists possible problems, the possible cause of each problem, and the recommended solutions.

Problem	Possible Cause	Solution
The blue connection indicator light is not on.	The notebook is not powered on.	Turn on the notebook.
	The Expansion Base is not connected to AC power.	Connect the Expansion Base power cord to an AC power outlet.
	The expansion cable on the Expansion Base is not fully connected to the expansion connector on the notebook.	Disconnect the expansion cable from the notebook, and then connect the cable back into the notebook.
	The notebook is in Standby or Hibernation mode.	Remove the notebook from Standby or Hibernation mode.
The speakers have little or no volume.	The Expansion Base speakers are muted or the volume is set too low.	Adjust the volume scroll wheel.
The notebook shuts down unexpectedly.	The Expansion Base is not connected to AC power, draining the notebook battery pack.	Connect the AC adapter from the Expansion Base to an AC power outlet.

(continued)

Problem	Possible Cause	Solution
The wireless keyboard or mouse does not work.	The receiver is not connected to an available USB port.	Connect the receiver to a USB port.
	The receiver and keyboard or mouse have not been synchronized.	Synchronize the devices by pressing the appropriate buttons. Refer to <a href="#">“Optional Wireless Accessories”</a> in Chapter 2.
	The keyboard or mouse has no battery power.	Be sure that batteries are inserted correctly in the keyboard or mouse and that the batteries are functional.
A connected home entertainment system does not have audio.	Audio not connected properly.	Be sure the Expansion Base is properly connected to the home entertainment system. Refer to <a href="#">“Connecting Audio”</a> in Chapter 2.
A connected home entertainment system does not experience surround sound.	The home entertainment system may not support digital audio.	Be sure your home entertainment system is S/PDIF compatible.

---

# Index

## A

- AC adapter 1–9
- AC power cord 1–9, 2–22
- AC power, connecting 1–8
- additional information A–1
- adjusting height of Expansion Base 1–7
- audio
  - connecting 2–15
  - troubleshooting A–4
- audio receiver 2–15
- audio-in (microphone) jack 1–5
- audio-out (headphone) jack 1–5

## B

- batteries
  - identifying 2–2
  - wireless keyboard, inserting 2–4
  - wireless mouse, inserting 2–6
- buttons
  - connect, wireless receiver 2–3
  - email 2–10
  - Favorites 2–10
  - Media 2–10
  - mute 1–2, 2–10
  - power, notebook 1–13
  - QuickLaunch 2–10

- volume 2–10
- wireless keyboard connect 2–8
- wireless mouse connect 2–9
- wireless receiver connect 2–8
- World Wide Web 2–10

## C

- cables
  - coaxial digital audio 2–15
  - composite video 2–13
  - Ethernet 2–12
  - expansion 1–3
  - modem 2–11, 2–12
  - S-Video 2–14
- caps lock light 2–3
- coaxial digital audio cable 2–15
- components, identifying 1–2
- composite video cable 2–13
- composite video jack
  - connecting video 2–13
  - identifying 1–3
- connect button, wireless receiver 2–3
- connecting
  - AC power 1–8
  - audio 2–15
  - modem 2–11
  - network 1–12, 2–12



- television 2-13
- video 2-13
- wireless receiver 2-7
- connection indicator light
  - identifying 1-2
  - not illuminated A-3
- connectors
  - hard drive power 1-3
  - power 1-3

## D

- dial-up communication 2-11
- digital audio driver, enabling 2-16
- digital audio jack, Sony/Philips
  - Digital Interface (S/PDIF) 1-3
- digital audio, connecting 2-15
- documentation A-1
- DVD playback, digital audio 2-16

## E

- email button 2-10
- Ethernet cable 2-12
- expansion cable
  - connecting to notebook 1-12
  - disconnecting from notebook 3-1
  - identifying 1-3
  - positioning 1-11
- expansion port, notebook 1-11
- external devices 2-1

## F

- Favorites button 2-10

## G

- governmental agency information
  - A-1
- guidelines 2-1

## H

- handles, adjusting height 1-7
- hard drive carrier
  - identifying 1-6, 2-17
  - installing 2-22
  - removing 2-18
- hard drive carrier screw
  - identifying 1-4
  - removing 2-18
- hard drive power adapter 2-17
- hard drive power connector 1-3
- hard drive power cord 2-17
- hard drive, installing 2-16
- headphone jack 1-5
- height, adjusting 1-7
- HP Web site A-1

## I

- infrared lens 1-2
- installing hard drive 2-16
- InterVideo DVD 2-16

## J

- jacks
  - audio, Sony/Philips Digital Interface (S/PDIF) 1-3
  - composite video 1-3
  - headphone 1-5
  - microphone 1-5

- RJ-11 (telephone) 1–3
- RJ-45 (network) 1–3
- S/PDIF digital audio 1–3
- S-Video 1–3

## K

- Kensington security slots
  - identifying 1–4
  - using 2–23
- keyboard battery light 2–3
- keyboard, wireless
  - does not work A–4
  - identifying 2–2
- QuickLaunch buttons 2–10
  - using 2–4

## L

- left-side components 1–6
- lights
  - caps lock 2–3
  - connection indicator 1–2
  - keyboard battery 2–3
  - mouse battery 2–3
  - num lock 2–3
  - wireless receiver 2–3
- lowering Expansion Base 1–8

## M

- Media button 2–10
- microphone jack 1–5
- modem
  - connecting to 2–11
  - using 1–12
- modem adapter 2–11

- modem cable
  - connecting modem 2–11
  - connecting to network 2–12
  - disconnecting 3–2
- mouse battery light 2–3
- mouse, wireless
  - does not work A–4
  - identifying 2–2
  - settings 2–11
  - using 2–4
- mute button 1–2, 2–10

## N

- network, connecting Expansion Base 1–12, 2–12
- notebook
  - connecting expansion cable 1–12
  - opening 1–10
  - removing from Expansion Base 3–1
  - shuts down, troubleshooting A–3
  - turning on 1–13
- num lock light 2–3

## O

- opening notebook 1–10
- operating systems 2–1

## P

- ports
  - USB 1–3, 1–5
- power
  - connecting 1–8
  - guidelines 2–1

power button, notebook 1–13

power connectors

    identifying 1–3

    voltages 1–9

power cord 1–9, 2–22

## **Q**

QuickLaunch buttons 2–10

## **R**

receiver, wireless

    connect button 2–3

    connecting 2–7

    identifying 2–2

    lights 2–3

remote control, notebook 1–2

removing notebook 3–1

right-side components 1–5

RJ-11 (telephone) jack

    connecting modem cable 2–11

    disconnecting modem cable  
    3–2

    identifying 1–3

RJ-45 (network) jack

    connecting network cable 2–12

    identifying 1–3

RJ-45 Ethernet cable 2–12

## **S**

S/PDIF (Sony/Philips Digital  
Interface) digital audio jack

    connecting audio 2–15

    identifying 1–3

safety information A–1

screw, hard drive carrier 1–4

security cables 2–23

Sony/Philips Digital Interface

(S/PDIF) digital audio jack

    connecting audio 2–15

    identifying 1–3

speakers

    activating 1–14

    identifying 1–2

    volume problems A–3

stereo, connecting audio 2–15

support services A–1

S-Video cable 2–14

S-Video jack

    connecting video 2–14

    identifying 1–3

## **T**

technical support A–2

television

    composite video jack 1–3

    connecting 2–13

    connecting audio 2–15

    S-Video jack 1–3

troubleshooting A–1

turning on the notebook 1–13

## **U**

USB ports 1–3, 1–5

## **V**

video, connecting 2–13

volume button 2–10

volume problems A–3

volume scroll wheel 1–2

## **W**

### Web sites

- HP A-1

- HP Customer Care Center A-1

- safety information A-1

### wireless accessories 2-2

### wireless keyboard

- does not work A-4

- identifying 2-2

- QuickLaunch buttons 2-10

- using 2-4

### wireless mouse

- does not work A-4

- identifying 2-2

- settings 2-11

- using 2-4

### wireless receiver

- connect button 2-3

- connecting 2-7

- identifying 2-2

- lights 2-3

### World Wide Web button 2-10